

0572
1204
OIFESerial Number: 09/988,739CRF Processing Date: 12/7/2001
Edited by: AW
Verified by: AW (STIC staff)**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII.
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

#2

OIPE

RAW SEQUENCE LISTING

DATE: 12/07/2001

PATENT APPLICATION: US/09/988,739

TIME: 18:04:26

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\12072001\I988739.raw

```

3 <110> APPLICANT: RIKEN
4   TOYOTA MOTOR CORPORATION
6 <120> TITLE OF INVENTION: A STRESS-RESPONSIVE PROMOTER
8 <130> FILE REFERENCE: xxxxxx
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/988,739
C--> 10 <141> CURRENT FILING DATE: 2001-11-20
10 <150> PRIOR APPLICATION NUMBER: JP 2001-309984
11 <151> PRIOR FILING DATE: 2001-10-05
13 <150> PRIOR APPLICATION NUMBER: JP 2000-356652
14 <151> PRIOR FILING DATE: 2000-11-22
16 <160> NUMBER OF SEQ ID NOS: 20
18 <170> SOFTWARE: PatentIn Ver. 2.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 2072
22 <212> TYPE: DNA
23 <213> ORGANISM: Arabidopsis thaliana
25 <400> SEQUENCE: 1
26 tgggcttttg atccacatga cgatcatata gttcttttct tcaacacaaa acacttgaag 60
27 tgtatcttat caactaaact ctattccagc aaaattatct caaaattaga tatatgggag 120
28 aattttttaca ggccattcta gatttttcatt aacgctgtga tttatccgtt aataagtagc 180
29 attaagagta aaacgacgtc gtttgcaatt gaaacaaaaa tccccaatc agaaataaga 240
30 aaccttagat cctcaaactc cttctctctt tctctctoga attcaactct gtattttgaa 300
31 atcaaagtga attgcaaggc acaaagttca tgctttaaag cactgcaaat ggcgaagtca 360
32 tgattttatat ggcatttttc ctgtttttgt ttcaattgca aacgacgtcg ttttgctctt 420
33 aaacggtctc attaacggat aaatcacatc ttctaattgc tctgtttatt cagttgatgt 480
34 tgtgactaat ttggctctgt caacgaaagt tagtgatttt atctgaagtc aacacgtaat 540
35 tgatgatttt aatcacaaaag tacaaagttt atgtttaaag caccacaaat tgcgaagtcg 600
36 tgattttaa atgacattttc ccgttctggt taaactaagt ttctattatt taatatggat 660
37 attgtggagc gtagtgtag cactcagcag cttatttaac gtgatactct ttaaccgagt 720
38 aacaactagt gaggtcatat tcaggaccga tccaacaata ttgaggggtt tactccaagt 780
39 aaaatttttag ttttattttt aattatcata aacgacataa atataatatg gaaagatcac 840
40 aaatactgat taaaaactaa aatcatcaaa acgaaaaaga aaaaagaaaa aattgggttc 900
41 aactctcatg agttattaaa catttttaggt tttaggctta aatctttaaa aaaaatcaga 960
42 actgaaaaac gaaaaattct aattttattt tggactctga ttcatagctt atgtcgctta 1020
43 tgtagttatg ctagggtaga atctgtattt cgttaccgta atgagagttc gatactctct 1080
44 tacttggtac gattctggag catgttacat tttttctt cgtcaacaa caactttaat 1140
45 atggtaaaac aaaattttatt tttatttggc tggctctact caagacaaat cttctgccga 1200
46 catcacataa tcatattaaa aaccataact tctgccactc tgtttttttt tttttttgta 1260
47 accattaact gattggattt tgatccatct catctgattt tttagctcaa caatttactt 1320
48 gcacattttc tatttgggtt tatttatact tagttacata tatgattatc gaactagtat 1380
49 ctctttataa ttaagtattt ttctattttt ttttaattta gatttttggt aattcattta 1440
50 cagtagaaaa ctgtaaaacc atatggtcta attatagaat gaaaacttca acgaatccat 1500
51 acaacttatt ggctaaatat aataaatctg cttgaagcat attgttatta tttagttgga 1560
52 tttgacgata tctgacttta atgtataccg acatacccta tgatttagat gttgattttt 1620
53 ccattcttta atatatccat gttaagagat tccaccataa catatcta at ttttgcatt 1680
54 gtaataaata ttatcattaa aaaaaaatac aactggacag ctggctcgtc ccattgtttc 1740
55 ttacgtccac caattacatt tgttaaagca aacttattag aacgttcagt tgtgagaagt 1800

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,739

DATE: 12/07/2001

TIME: 18:04:26

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\12072001\I988739.raw

```

56 tgggtgtcgac atgtgtctaa ggtctatgtc agaaatcgga ttagcttatt aagtaaacta 1860
57 tactatatca ttgttaatat agataaaata tctagttcgt ccaaattaaa ctattttcat 1920
58 aactgccacg tggcgtaaac gtatccatcg agtcacttgt aatatcttta taaccaaagt 1980
59 cttccaacac attcatcacc atctatctac tctttactct cttctcttct cacatcaatt 2040
60 attcatagtt ctctcttctc cggcaagaaa ag                                     2072
62 <210> SEQ ID NO: 2
63 <211> LENGTH: 2000
64 <212> TYPE: DNA
65 <213> ORGANISM: Arabidopsis thaliana
67 <400> SEQUENCE: 2
68 ctctgttttc atgatcatat ataaaaggaa agagattgat tcagctaato aaattcataa 60
69 acatggataa gatatacaca actctaaacc tagctcaaac tatgaacaat agaggataac 120
70 cacttgaaac ctaattttta tcagaagatt ttagtacttg tgctgtttat tcaaaattcc 180
71 tttgcccaaa aaaaaaaagt ttgaacttacc ttttgaaaga cgaacgtatc cactatggaa 240
72 caatctttcg taatctcact ttctagtttg gtatttataa aacccaaaat ttgattgtca 300
73 aattaaatac aataagagat tcttaaacc agaatcaat tgcgaaatca aacagagacg 360
74 atacagagag agcagagagag cgagagagag agagtgattt acgtgagaac gaatcggata 420
75 aacggaaatt tccagaagcc ggatgagttt cccgctattg tgatgagtaa caaaacaaat 480
76 tcgggagttg tctatttaat acttatcaat agcccatgaa cgcagagacg tatggacgcg 540
77 agaatcgta gtacgtgaca cgtgtaaacc agtgacgtca ccgctctcgt caccaccccg 600
78 ctagtattgt cctcttctat tttatctcac acaatcatgt taggttatca tagtaccact 660
79 aaacatttat gtgagaatgg atggatatta gacaaccgac gacaaataaa acaaacaaaa 720
80 gtagatagac gaccataaat taaactataa acgaagattg agggaaaaaa tcattggttt 780
81 agattttcga acaaatatcg tgaaaagttt ttcactctgt agtttttgta attaatggtg 840
82 tatgaaaaat cattggtttg tttagttgaa tttaaatttca gtaaaccggt tagagtatga 900
83 acccactcaa taaagatttg actgccaagc gttactgggt tctggtggtg tgaatagtta 960
84 agagtataag gtttgggcca ttatgtggtt tttattaaag ttgaaggctc catttattaa 1020
85 ttctttagag ctgactggcta atgtacaacg aatttgattc aggagtaaga taaacggtac 1080
86 acccaaacac ggcacgcgag cgaagaagac gatgacgaac aaggagaaag ctcgagagag 1140
87 aaggagaaaa agaatgcagg agatctctct ccttcgaact attccttact ctgaccacca 1200
88 taggtatgaa gagacctaat ttgtccaatt gtttcggctt ctttgtatcc taagatctat 1260
89 catcatttac tctgcgagat tctcaatttc acagcattcg atgtgttaat ctctaatttc 1320
90 acttgcttaa atccatttct tagtgtcgtt tacagtgttt gatgagtttc tatttttctc 1380
91 tatttgaggag ttggagactg aattggtatt gttgttggtt cttacagatt tgtgtttcac 1440
92 taaacaaaaa gaatttagag aaattgaaaa tgatgaagta tgtgtctctc aagccctctt 1500
93 tttgaatttg acttgctcatt aggcgtcaaa tgatttttta ggtggtgggtc ttgtgaaaat 1560
94 gtagcagtag tgactgggtc aaaccgcggg attggattcg agattgcaag acagcttgcg 1620
95 gttcacggat tgacggttgt tcttacagct agaaacgtga atgctggtct tgaagcagtt 1680
96 aaatctttga ggcaccaaga agaaggctctc aagggttatt ttcatcaact tgatgtcaca 1740
97 gactcttcgt cgattagaga gtttggttgc tggcttaagc aaacatttgg aggttttagat 1800
98 attctcgtaa gatccttctc gattcgtaat cttggaggat agttctaag ttttcttaga 1860
99 tttgaattac atgcatttgt gttgctatgt ttttcagggt aataatgcag gtgttaacta 1920
100 caatctcggc tcagataata cggttgaatt tgctgaaaca gttatatcta ctaactacca 1980
101 aggaacaaaa aacatgacaa                                     2000
103 <210> SEQ ID NO: 3
104 <211> LENGTH: 2000
105 <212> TYPE: DNA
106 <213> ORGANISM: Arabidopsis thaliana
108 <400> SEQUENCE: 3

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,739

DATE: 12/07/2001

TIME: 18:04:26

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\12072001\I988739.raw

```

109 catataccaa ccgcctaaca ttacagcctg tccccatccc ctatctttat ttttcttttt 60
110 ggctcattta gcttcaactt tttttaatag gtgtgattag aacatactaa aaaaaacata 120
111 tgttttaact tatattatat gaataaagtg ttgtttttta tagtttatat ttctattaca 180
112 agtacaatat ataggatatt ttggttaaca attttaaatt taaaagatat tgtgagtaca 240
113 aatcattaag cttaacacaa atgttcattg cttcttaatt cttacaatcg gaaaatttgg 300
114 acaaaaaatc tagactaatc tccaaaacat tgtgaaaaat tgggggtttt ttttatcatt 360
115 taaattgtct atagtgtgca atcattatta aaaaaaattg tttttgttg aaattttaaa 420
116 ttataaaaaa aaaacacggt tatacataaa atgcaaaaac ttttcttaaa ccaattaca 480
117 gagaaaggct atcaccatcc ttgtcttgat gccaacca cttgtaatcc caaatacat 540
118 acttaaaacta tactatacta acatgaattg gttatacgat tatctatcta gttagctaca 600
119 taattcatat aattagtttt ttaaaatata cttatgtaat gatagtaact aaaaaatata 660
120 ctatctcgag aaatccaacc aaaatgctat gatagtatat aaaataaaat gaaagaaaga 720
121 ggaaccaagt tgtgaaacca tttaaccaaga agaagaagaa aaaaacaaga tggctcgagtc 780
122 tegtgatagt atgaagctgg ggccgaaacc acgaatcaaa gaaccatttg acgatgcaag 840
123 tggctatcga taaccaatca atagaaactc caccgcctca aaatatcata gtgctattta 900
124 atttttcata ctatcattta ttgtaggcta taacataatt ttgtattgta gatggacggc 960
125 tagtacacgc aagttagtca ataaactttt acaaatggc atcttgacat gcttaaacac 1020
126 attttataat tcgaacctca ctttgcctac tttaacacac tctacttata gtagatgagc 1080
127 atcaatcatt gaaccgttcg tataatacaa tttttttttt gtaatacgtt ataattagaa 1140
128 agtaatggaa aataagttga aacacaaatt ttcaacggtt ttactaagat ttaattttac 1200
129 aattttcaaa atataaccga attattttaaa tcgtattaaa tttataatta attttctaaa 1260
130 aaaaaacaca gattaaaaaa atatatataa actaatcata aatatattaa tttttgtaat 1320
131 ttatatTTTT ttataacttt aaactaataa tattcaatta tttatcttaa agtttacaaa 1380
132 ttatcaataa taactaataa ataatgcata aaaacttttt aaaaattaac tttttgaaac 1440
133 aaattttttt ctaaaaaatt aaataataaa gaacagaaaa aatattattc aactaaaaat 1500
134 atttgataat aactctgaaa gtttgcattt ttcaaataaa tcattgattt tttttgtttg 1560
135 acataaaaaa ttaatttccc cttgtaaatc acacatttaa aatctaacta tatttaaaaa 1620
136 aaaaaaaaaa gtccaatttt gactttaatt atataaaaaa agcaaaagcta attatgggtc 1680
137 aaaagactca aaggccagaa ttgacgcagc cgtttatgag aagtgagaag acaatttcgg 1740
138 agtcacttcc tttatttcct ctcttccttc actctctcct atataaacct tcctctcctc 1800
139 ttctctcttt ctcatctctt caaaccattt tcgaaagcct tgagagagag aacacagacg 1860
140 ataccaactt tottcaatct cgttgccgca gtataattat ctcatctctc ggatatactc 1920
141 ctctctctgc ggcggcgaca agaagctaca agaataaaaa gtctgttttc tctcttttca 1980
142 agaaaccact tacttcgaaa                                     2000
144 <210> SEQ ID NO: 4
145 <211> LENGTH: 2000
146 <212> TYPE: DNA
147 <213> ORGANISM: Arabidopsis thaliana
149 <400> SEQUENCE: 4
150 agcaagtagg ttacgtggaa ggaagatatc aacgcacaaa aagagaaaca ctcaacgtta 60
151 agggaccaac cacaaatctt ggatttttgc tgatgcagtg tgtgaaaaa ggtccacacg 120
152 ctttgtactt ttttcatcat cgtctacaa taaagctcaa gtctttccat ggacagagat 180
153 aagcaagaaa aagtattaac attgttcacc tcaaaataat ttaggaaaa gacaatgaga 240
154 tttttacctc aaaagccaaa atcaacatct acccatctt tcaactcgtc caatcatgag 300
155 tttcttacaa tgcttacctt agagttaga gacatattct cacaaaaaaa gcttgtgtct 360
156 atttcaaatt cttgaccgta gatgtcacaa catgcatata tcattgaaaa cagagcaaca 420
157 caggaaacca agcatatgta tctagatata cttagcaaga cataactata gtctttgaat 480
158 caacataggg attaatgata gagaatgagg aagctcaaga ttttatactc agtttcttac 540
159 aaaaacaaatt tctctctaac tgcaaaaaa ccaattagga tttgaagagc gtacctgttt 600

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,739

DATE: 12/07/2001

TIME: 18:04:26

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\12072001\I988739.raw

```

160 gagtcaatgt ccaatgtcgt cccccgcct tctacatttc ttagcctgct gaataaaagc 660
161 acaagccaaa atgagaagggt gccaaaggcg ataaggatca atttctacca ttcaaaaaaac 720
162 taatggtgag aattagaaac gagagaaaac tacttggtga ggaaatagcc aaaagcgcaa 780
163 tcttcgtcac ctgaataaag accaaaccgt cactttcaat gagtcagcaa gaaaaagaga 840
164 gagagagaga gagagattct ctataacatt tgagtcgaca tggattctaa tgcatacaaa 900
165 gtcattctcca ataaacaaac acttgaaact cacatggcta atagaacaag atcaaagcct 960
166 taagtattaa gcattacaga cactactggc taacttttga cacatgttct taagtaacat 1020
167 agtatcaata tccgtgaatc acatogaaca cacacaacaa gggcttaatg catcaaagtc 1080
168 ctgttatttc catataacaa catatttcat ttacaaacag aatgcagcat tcaggcagtc 1140
169 caaatggaaa gggtgacaaa aaaatataat cttgtaactc tacatatatg gcagaatgta 1200
170 ataaccaggc aagaaaaaaa cagaataaac agatcaatga gtatgatata aaaaaagtc 1260
171 acaaagaatg tgccacagtg aacaagaggg ccatgagaag aaattttcaa agaaaatatt 1320
172 agcattgtta gaattttttg ggtcaatgga tctgtcagct gcttagttgg aaaacacaaa 1380
173 tcttacagga aggaaagtc aagaaaaaga aaataagcaa agttaatagc caccacaaga 1440
174 aatttcatac agaaataatt aaatcgttgc acttatcttc ttattcaaac taaaatcaag 1500
175 agaacttaat aattttcagc cacacgaacc atgtgttcaa agccaaagggt gagaagccaa 1560
176 aattatcagc ttatctccat taacaaggga aaagcaagac tagattttaag agttctctgt 1620
177 aactaaaaac tgcaggagtg agtaagtaa taattacca acaggaaaac aaaactcaat 1680
178 tatctatagc tgaatacaca tgtaaatgag aatttattaa ctaaaacatc ttcttttgta 1740
179 actgatgtga catttacaat ttttcatttt gaggtgtaag aaccgtgtga caagtgaana 1800
180 ggttaaaata agcaaccttt gtgatatttt ctctccactt ttgaaattg ggtctccaaa 1860
181 ccacagccaa tcaatattct ttataaatac aaacacacaa adagcatctt tctctcaaac 1920
182 acaaacatat cttctatcaa acaccaacag ctctattctc tacctcattt ctcatcataa 1980
183 caaagagaga gaaaaaaact 2000

```

185 <210> SEQ ID NO: 5

186 <211> LENGTH: 2000

187 <212> TYPE: DNA

188 <213> ORGANISM: Arabidopsis thaliana

190 <400> SEQUENCE: 5

```

191 tttctggatc acgttcacat gccgataatt attgttaagt tgtttgcata ttttattatg 60
192 tgccttggtt gtgggatttt cgctaatttc tttctcgtt ttttcgttct cctcttccct 120
193 caattatttt ctcaacttcc tattcgacca aagcattaat tctacacacg acagtaaagg 180
194 accactcaa acaataatta gttttcaact ctttcagaat atattttagt gacactaaaa 240
195 tagcatatca taaacacaa agaggccaac gactctgaat gatccgtacc gcagtggaaa 300
196 taacagtccg gttatgtcgg taggctatat aagccactac tttcatttca atttctcaac 360
197 tttgttgtag ttagttcgta tctatcagt ttatcatcac ttaatttgt taccatatag 420
198 tatctgtaaa aactaattaa tatttatgaa tcatgtctcat attttcaaat cttagagcta 480
199 ctcaacagaa cacacacaca tacagtcaaa attttatact acataatttt tgttttaagt 540
200 ttacagttat aaaccaaaaca aatcacctca caaaagtata tagttatacc aaaccaagca 600
201 cctcataaat gaaaacaaaa ttaaaaataa taatatatat aataagaaat attcatcaat 660
202 actaacgttc aatttttagta aattggcaaa aataaaatat tagtatcaat tccagagatt 720
203 acattattat ttggtgaatt tggcaaaaat aaaatatctt gttggtggat gctttgctgg 780
204 gagactttg tttattaccg tcatattgta gtaacctaat tttattacct aacattcatt 840
205 tgaacattaa aaacattaat gtcatttgat tgggaagatt tattaatgac cattatttcc 900
206 ttatttccaa acctaatata cccattattt ccttatatta aattatggct tgattggtgc 960
207 aattttcttc tagctctttc tgtttccgtc ttgattcgaa taaaaacgac aaatggtatc 1020
208 tctacccgta tccgattatg tttaatatat tatgcattga tatttcacgc tacgatctgg 1080
209 accgacgttt agtgtggacc ctgtcacgag ttttatctat gacggaccaa aagaaaaact 1140
210 aattaaagca gaatatcaaa gttagtcggg taagttccaa ctaataaccg agccctgttt 1200

```

RAW SEQUENCE LISTING

DATE: 12/07/2001

PATENT APPLICATION: US/09/988,739

TIME: 18:04:26

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\12072001\I988739.raw

```

211 ggctttgagc attagtagta atcaaagtaa acatatgata gaaaagttat tataatctat 1260
212 tatatacaga ttaatatgta cgattccaga ttctatttat gtttctcgta tgtaaaacat 1320
213 ataatgtgaa cctacttaaa ctatactaag actattagtt tggtttcaaa ttagattaat 1380
214 tagtttaacc aaactgaaca tatccctaga ttgtaaaagt ctaatatatc cactaattat 1440
215 ttttgcttgc cgacctctaa tccacaactt tttgtttttc catttccaact gattttcaac 1500
216 attccaccgg gtgttaccaa cagtaacata catacagtga attttttcaa cactccaccg 1560
217 catgttacca atagtagcaa aacctctgac aaaaatttgt accgactata aatattcaac 1620
218 tccaactctt tctctccac acactcaaat atctctccaa cactaaaata attgtaccga 1680
219 ctctctctct ctctctctcc gtaacaaaaa aatcaccaat ggcaaaaaca tatctctttg 1740
220 tactctctct aatctcttat ctcttatcac tggagctcac ggcggccacc gcagcctcac 1800
221 agaccggagc ttcaaaaaaa gccataaact tcatccaatc ttcttgcaaa accaccacat 1860
222 acctgcctt atgtgtccac tcaactctcg tctacgcaaa cgacatccaa acaagcccta 1920
223 aacgtttagc tgagaccgct atagccgtga cactaagccg agcccaatcc acgaagctct 1980
224 tctgtctcgc tctaaccgct
226 <210> SEQ ID NO: 6
227 <211> LENGTH: 2000
228 <212> TYPE: DNA
229 <213> ORGANISM: Arabidopsis thaliana
231 <400> SEQUENCE: 6
232 attatatcta taataacatg attctatttc aatcgagtat gtaaaaaaag taaaaatttg 60
233 atcgattaat catgtagtaa totcgtgttt ttttccaaca aataattgat taaaagttta 120
234 aaacatatca taaatcaaaa ccgaatgagt aatccggatt gagtctagaa ttacaagtta 180
235 agttatctgt catacggtag taatctcata tttttttagt aatccttaag agttgagaac 240
236 tttcaagaac agttaagttt aataatattt taatctttgt ataagagatt tcttcattct 300
237 tctaaaacca caacaccttg tgatcgacaa ttcatacgtc catatttgag atttaatttg 360
238 ttttcttatt ataagaaatc aataatctta ttgtatatga ctaatttatt atataaaaac 420
239 cttactagg gggtatataa gacacgtaga aatgtctcca acatacagta ctataccaca 480
240 aaattcagaa atttgaacaa ccaaagcaat cagaaaacaa tattcatttt tgttttattg 540
241 gaaaagattg agccaatatt tottaaataa ctctttttta gataatcttg gaaccgggct 600
242 tgttcgagcg ggtcgtgcc ggcgggctgc tagggctgtt ggtagccgga ctcatcccga 660
243 gagtgttctt cacagcatcg gctgtctctt gtgccatgtt cttcacttgt ccaccctct 720
244 aactccaaa atcataatta atgcataata ttgtctataa ttaataataa tgaacaaaat 780
245 ttttgagaag aatcgttaac ctgttgtagt acactagagg cttgagaaat tagggaagga 840
246 ttgttctgat catgctctga gtgtaactgt gactgtgagt ggggtgtgat atcagcattc 900
247 tggttcattg cgtgtgatac attgttcaag tactcttctt tcttcagcta taaataaaca 960
248 tatatttgat ggttcattca tcacaaaaat cagatttcga aaattgtcaa atttcagatc 1020
249 atataagcaa aacaaatgtc gctattttgt gtgttgtagt tacctgaact tgaccgggtga 1080
250 cttctccggc gctgtggctc aactgctggc tcgacgacat cttcttggtt gttctgtgaa 1140
251 atgtcttaat taattaagat tgtaagcttg tagaatactt gaagggattt gatatgcatt 1200
252 ataatggtat ttatataatt agaaagtgt tatttttagt aaatcctaaa tctaagcatt 1260
253 aactaacac gtggaaaata acataccatt gacgattgac atggctaatt ttttgaggag 1320
254 gtgaatagtt tgaggattta ttaccctaac gttgcttggt caagaagtga agtaggatga 1380
255 caggcaatag gaagatctta aacctttttt tccggtgaca attatttatg actttttatt 1440
256 gttgtcaaaa aatatattat cagtaataata tcaataacga atacaataaa aactcatccg 1500
257 atcgattttc aagaatttat agctatatta aaattacttc gaatccatgt aagaattgtg 1560
258 tattgggttct ttttagaaaa aagtaaatat ctatgcagta atggcggttg cataatatat 1620
259 gccttgagta gatgaatata caatatcaag ataacgtgag tcaccacgtg tctaacatct 1680
260 tccgtagctc cgtttttacc atgacgtgtc acatagatat aggtcatcat gaaaacgaga 1740
261 aacctaaact taacactcgc acataactcc aagtttcgaa acttcgtcac atcaacctaa 1800

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/988,739

DATE: 12/07/2001

TIME: 18:04:27

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\12072001\I988739.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,739

DATE: 12/06/2001

TIME: 11:36:01

Input Set : A:\PH-1440US (SeqList).txt

Output Set: N:\CRF3\12062001\I988739.raw

3 <110> APPLICANT: RIKEN
 4 TOYOTA MOTOR CORPORATION
 6 <120> TITLE OF INVENTION: A STRESS-RESPONSIVE PROMOTER
 8 <130> FILE REFERENCE: xxxxx
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/988,739
 C--> 10 <141> CURRENT FILING DATE: 2001-11-20
 10 <150> PRIOR APPLICATION NUMBER: JP 2001-309984
 11 <151> PRIOR FILING DATE: 2001-10-05
 13 <150> PRIOR APPLICATION NUMBER: JP 2000-356652
 14 <151> PRIOR FILING DATE: 2000-11-22
 16 <160> NUMBER OF SEQ ID NOS: 20
 18 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply
 Corrected Diskette Needed

ERRORED SEQUENCES

780 <210> SEQ ID NO: 20
 781 <211> LENGTH: 24
 782 <212> TYPE: DNA
 783 <213> ORGANISM: Artificial Sequence
 785 <220> FEATURE:
 786 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
 788 <400> SEQUENCE: 20
 789 agcggataac aatttcacac agga 24
 E--> 791 1/1

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/988,739

DATE: 12/06/2001

TIME: 11:36:02

Input Set : A:\PH-1440US (SeqList).txt

Output Set: N:\CRF3\12062001\I988739.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:791 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:25 SEQ:20

L:791 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2

L:791 M:252 E: No. of Seq. differs, <211>LENGTH:Input:24 Found:25 SEQ:20